



Atty. Docket No.: 3124-Z

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Richard J. Feldmann

Serial No. 09/866,925

Filed: May 30, 2001

Group Art Unit 1645

Examiner John S. Brusca

For: Algorithmic determination of flanking DNA sequences
that control the expression of sets of genes in
prokaryotic, archaea and eukaryotic genomes

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dec.

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AMENDMENT

Hon. Commissioner of Patents & Trademarks
Washington, D. C. 20231

Sir:

In response to the Office Action mailed January 8, 2003,
please amend the above-identified application as follows:

IN THE SPECIFICATION:

Please substitute the attached specification for the
specification on file.

IN THE CLAIMS:

Please amend claims 20, 22-25 and 28-37 as follows:

5 20. (Amended) A method of identifying DNA sequences that control
the expression of different collections of genes in a genome
comprising detecting, by computer, one or more pairs of first and
second non-adjacent DNA sequences which could bind to one RNA
molecule such that a first RNA sequence in that RNA molecule can
bind to a first non-adjacent DNA sequence and a second RNA sequence
in that RNA molecule can bind to a second non-adjacent DNA
sequence.